

# PATENT APPLICATION TRANSMITTAL LETTER

TO: Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Attorney Docket No.: 132936 (1306-28)

Express Mail Label No.: EL 985 195 962 US

Transmitted herewith for filing under

35 USC 111(a) and 37 CFR 1.53(b) (NEW UTILITY OR DESIGN PATENT APPLICATION)

as a new: ☒ utility or ☐ design patent application

for application entitled: **SENSOR SYSTEMS AND METHODS FOR QUANTIFICATION OF PHYSICAL PARAMETERS, CHEMICAL AND BIOCHEMICAL VOLATILE AND NONVOLATILE COMPOUNDS IN FLUIDS**

and invented by: **Radislav Alexandrovich POTYRAILO; William Guy MORRIS; Scott Martell BOYETTE; Marc Brian WISNUDEL; Andrew Michael LEACH; and Mary L. STANLEY**

Enclosed are:

1. ☒ Specification with 36 total pages having:
  - a. ☒ Claims numbered from 1 to 43.
  - b. ☒ Abstract
  - c. ☒ Drawing (s) (35 USC §113) as follows:
    - (1) ☒ Formal ☐ Informal
    - Total 17 sheets – with Figures No. 1-18.
  - d. ☐ Oath or Declaration with 2 total pages as follows:
    - (1) ☐ Newly executed and signed ☐ Unsigned
    - (2) ☐ Copy from prior application (37 CFR §1.63d) Serial No. filed on
    - (3) ☐ With Power of Attorney ☐ Without Power of Attorney
2. ☐ Assignment (Cover sheet and documents)
3. ☐ Preliminary Amendment
4. ☒ Return Receipt Postcard (MPEP 503) (should be specifically itemized)
5. ☐ Application Data Sheet
6. ☒ Information Disclosure Statement
  - ☒ PTO-1449 ☒ Copies of Cited Documents
7. ☐ Certified Copy of Priority Document
8. ☐ Nonpublication Request under 35 USC §122(b)(2)(B)(i) Applicant must attach form PTO/5B/35 or its equivalent
9. ☒ Additional Enclosures as follows:
  - a. ☒ Check in the amount of \$1356.00.
  - b. ☐ Check in the amount of \$\_\_\_\_\_.

10. If a continuation or divisional application:
  - ☐ continuation ☐ division ☐ continuation-in-part of prior application Serial No. filed on:
  - ☐ Cancel in this application original claims of the prior application before calculating the filing fee (at least one independent claim must be retained for filing purposes)
  - ☐ Amend the specification by inserting before the first line: This application is a application Serial No. filed on which is hereby incorporated by reference in its entirety.
  - ☐ Prior application information: Examiner Group Art Unit

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 1 d (2), is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

11. ☒ Filing fee calculated and transmitted:  
a. ☒ utility patent application filing fee as described below for the claims as filed less any canceled above

Large Entity

For	No. Filed	No. Extra	Rate	Fee
Basic				\$ 770.00
Total Claims	43 - 20 =	23	x \$ 18 =	\$ 414.00
Ind. Claims	5 - 3 =	2	x \$ 86 =	\$ 172.00
Mult. Dep. <input type="checkbox"/>			+ \$280 =	\$
<b>Total Filing Fee</b>				<b>\$ 1356.00</b>

- b. ☐ design patent application filing fee of \$340.00  
c. ☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. 50-2140 as described below. A duplicate copy of this sheet is enclosed.  
(1) Charge the amount of ☐ \$340.00 ☐ \$770.00 ☐ \$ for the filing fee.  
(2) ☒ Credit any overpayment.  
(3) ☒ Charge any additional filing fees required under 37 CFR 1.16 and 1.17.  
(4) ☐ Charge the Issue Fee set in 37 CFR §1.18 at the mailing of the Notice of Allowance, pursuant to 37 CFR §1.311(b).  
d. ☒ A check in the amount of \$1356.00 for the filing fee is enclosed.

Date: **November 24, 2003**

Attorney Name: Michael J. Porco, Esq.

Reg. No. 46,007

Attorney Signature

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12. Correspondence Address

☐ Customer Number or Bar Code label

Or ☒ Correspondence Address below

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I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 as Express Mail No. **EL 985 195 962 US** on **November 24, 2003** and is addressed to the Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Name: Jennifer J. Puente

Date: **November 24, 2003**

Signature: